

Storm Data and Unusual Weather Phenomena - April 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Southwest				
MACOUPIN COUNTY --- 2.0 S BRIGHTON [39.00, -90.13]				
	04/24/10 16:05 CST		0	Hail (1.50 in)
	04/24/10 16:05 CST		0	Source: Amateur Radio
MADISON COUNTY --- 1.7 WNW WOOD RIVER [38.86, -90.11]				
	04/24/10 16:05 CST		0	Thunderstorm Wind (EG 52 kt)
	04/24/10 16:05 CST		0	Source: Amateur Radio
An eight inch diameter tree was blown down a the intersection of Illinois Routes 143 and 3.				
MADISON COUNTY --- 0.1 NE WOOD RIVER [38.85, -90.08]				
	04/24/10 16:10 CST		0	Hail (1.00 in)
	04/24/10 16:10 CST		0	Source: Trained Spotter
A strong storm system moved through the region, triggering showers and thunderstorms. Numerous reports of large hail, damaging winds, tornadoes and flash flooding were reported with this system.				
MISSOURI, East				
JEFFERSON COUNTY --- DITTMER [38.33, -90.68]				
	04/24/10 14:51 CST		0	Thunderstorm Wind (MG 59 kt)
	04/24/10 14:51 CST		0	Source: Trained Spotter
JEFFERSON COUNTY --- 0.9 NW CEDAR HILL [38.36, -90.64]				
	04/24/10 14:55 CST		0	Hail (0.75 in)
	04/24/10 14:55 CST		0	Source: Trained Spotter
JEFFERSON COUNTY --- 0.9 NW CEDAR HILL [38.36, -90.64]				
	04/24/10 14:55 CST		0	Thunderstorm Wind (EG 56 kt)
	04/24/10 14:55 CST		0	Source: Trained Spotter
Several large tree limbs blown down.				
JEFFERSON COUNTY --- 0.1 SSE PARKDALE [38.48, -90.52]				
	04/24/10 15:14 CST		0	Hail (0.75 in)
	04/24/10 15:14 CST		0	Source: Trained Spotter
BOONE COUNTY --- 2.1 S ENGLEWOOD [38.79, -92.18], 4.2 SE ASHLAND [38.72, -92.22], 1.7 WNW CLAYSVILLE [38.68, -92.30], 2.0 NNW HARTSBURG [38.73, -92.33], 1.5 WNW RUCKER [39.24, -92.44], 1.4 NNE CENTRALIA [39.24, -92.12]				
	04/24/10 15:15 CST		0	Flash Flood (due to Heavy Rain)
	04/25/10 00:30 CST		0	Source: Trained Spotter
Between one and three inches of rain fell in a short amount of time on already saturated soils causing flash flooding. Numerous roads were flooded in and around Ashland. Also, several roads in the Sturgeon area were flooded including the intersection of Highway CC and Tri City Lake Road.				
JEFFERSON COUNTY --- 4.0 SW ARNOLD [38.39, -90.42]				
	04/24/10 15:15 CST		0	Hail (1.00 in)
	04/24/10 15:17 CST		0	Source: Trained Spotter
ST. LOUIS COUNTY --- 0.7 N ST LOUIS WEISS ARPT [38.54, -90.45]				
	04/24/10 15:18 CST		0	Hail (0.88 in)
	04/24/10 15:18 CST		0	Source: Trained Spotter
ST. LOUIS COUNTY --- FENTON [38.52, -90.43], 0.9 NNE ST LOUIS WEISS ARPT [38.54, -90.45]				

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	04/24/10 15:18 CST		0	Thunderstorm Wind (EG 56 kt)
	04/24/10 15:20 CST		0	Source: Trained Spotter

Thunderstorm winds blew down several large trees, tree limbs and power lines. Some shingles were blown off of roofs, with additional roof damage caused by falling trees and tree limbs.

ST. LOUIS COUNTY --- 1.1 NNW KEYES SUMMIT [38.59, -90.51], 1.2 NNE KEYES SUMMIT [38.60, -90.49]

04/24/10 15:19 CST	0	Hail (1.00 in)
04/24/10 15:23 CST	0	Source: Trained Spotter

ST. LOUIS COUNTY --- 0.3 SSE SAPPINGTON [38.53, -90.40]

04/24/10 15:22 CST	0	Hail (0.88 in)
04/24/10 15:22 CST	0	Source: Trained Spotter

ST. LOUIS COUNTY --- 0.7 S ROCK HILL [38.59, -90.35], 0.5 ENE ROCK HILL [38.60, -90.34]

04/24/10 15:25 CST	0	Thunderstorm Wind (EG 65 kt)
04/24/10 15:30 CST	0	Source: NWS Storm Survey

There was a wide swath of sporadic damage due to thunderstorm winds which occurred over portions of Webster Groves. One area occurred along East Lockwood Avenue. At the Eden Theological Seminary, a large rotted tree was blown down along with several large branches. Several trees were also damaged on the northwest corner of the Webster University campus. Another large tree branch was down near the bus stop at the corner of East Lockwood Ave. and Bompert Avenue. Around three fourths of a mile further north, a large tree fell onto a house near the corner of North Bompert Ave. and Greeley Ave. Two blocks further to the north near the corner of North Bompert Ave. and Clark Ave., a large tree fell on a wooden deck which contained a storage room. A car and the corner of an adjacent house were also damaged. All other damage found during the survey consisted of small downed tree limbs.

ST. LOUIS COUNTY --- 0.8 SW KIRKWOOD [38.59, -90.44], 0.3 ESE DES PERES [38.60, -90.44]

04/24/10 15:25 CST	0	Tornado (EF0, L: 0.61 mi , W: 300 yd)
04/24/10 15:26 CST	0	Source: NWS Storm Survey

The tornado touched down approximately 0.3 of a mile north of Dougherty Ferry Road near Lynkirk Rd. and moved north northwest through part of a subdivision. The tornado lifted briefly, then touched down again near the intersection of Ballas Rd. and Kirk Place Dr. before lifting and dissipating just east of West County Mall. The path was approximately six tenths of a mile long and a maximum width around 300 yards across part of the subdivision and an average width of less than 200 yards elsewhere. Widespread tree damage and minor roof damage was observed across the subdivision but the overall lack of structural damage suggests winds did not exceed 70 to 80 mph. In the subdivision, several large healthy trees were uprooted and some roofs had missing or damaged shingles. At least one healthy tree was snapped several feet above its base. More extensive tree damage was observed with the second touchdown near Ballas Rd. and Kirk Place Dr. where several healthy pine trees were snapped at the midpoint and the debris pattern indicated a convergent circulation. Tree damage in this area also downed several powerlines along Ballas Road.

ST. LOUIS COUNTY --- 0.7 WSW UNIVERSITY CITY [38.66, -90.34], 0.7 ESE BRECKENRIDGE HILLS [38.72, -90.39]

04/24/10 15:30 CST	0	Tornado (EF0, L: 4.36 mi , W: 325 yd)
04/24/10 15:37 CST	0	Source: NWS Storm Survey

The tornado initially touched down near the intersection of Duke Drive and Blackberry Avenue in University City. The tornado traveled northwest producing intermittent damage for approximately 0.6 of a mile. The damage became more continuous for the next 2.4 miles from just southeast of Olive Boulevard to near Dawes Place just southeast of Lackland Road. Intermittent damage continued beyond Lackland Road to the northwest for an additional 1.4 miles. The last discernible damage was located near St. Ann Lane. The vast majority of the damage along the path consisted of varying degrees of tree damage which included numerous tree branches broken, trees uprooted, and tree trunks snapped well above their base. The most significant structural damage occurred on Wallis Avenue just north of Trescott Avenue where a three foot diameter tree caved in the corner of a home. The tornado reached a maximum width of 325 yards as it crossed Trescott Avenue. This is also where the damage was most intense with wind speeds estimated at 85 mph. Other notable damage was located near the intersection of Woodson Road and Harney Road where there was roof damage to a storage facility. Minor structural damage was noted at other locations along the path caused by tree limbs or trees falling on homes. Any direct tornadic damage to homes and businesses was minor superficial damage which consisted of siding, soffit and shingles. No injuries were reported.

COLE COUNTY --- JEFFERSON CITY [38.58, -92.18], 2.8 ESE JEFFERSON CITY [38.56, -92.13], 0.9 W OSAGE CITY [38.55, -92.05], 1.2 ESE SCHUBERT [38.51, -92.03], 2.9 S SCRUGGS [38.53, -92.28], 1.6 NNW SCOTT [38.64, -92.28]

04/24/10 15:54 CST	0	Flash Flood (due to Heavy Rain)
04/25/10 00:30 CST	0	Source: Trained Spotter

Up to three inches of rain fell in a short amount of time on already saturated soils causing flash flooding. Numerous roads were flooded including water over a one lane bridge on Meadows Ford Road just south of intersection with Scruggs Station Road.

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SHELBY COUNTY --- 1.7 NW BETHEL [39.90, -92.05], 1.1 ENE SIGSBEE [39.90, -91.86], 0.8 SSE EMDEN [39.79, -91.87], 0.9 WSW SHELBYVILLE [39.79, -92.07]				
	04/24/10 16:28 CST		0	Flash Flood (due to Heavy Rain)
	04/25/10 00:30 CST		0	Source: Trained Spotter
Up to three inches of rain fell in a short amount of time on already saturated soils causing flash flooding. Numerous roads were flooded including Highway J about 4 miles east of Bethel. It had between 4 and 6 inches of water flowing over it in several locations.				
MONTGOMERY COUNTY --- MONTGOMERY CITY [38.97, -91.50]				
	04/24/10 16:34 CST		0	Thunderstorm Wind (EG 52 kt)
	04/24/10 16:34 CST		0	Source: Law Enforcement
Thunderstorm winds blew down several power lines in town.				
CALLAWAY COUNTY --- 1.5 SE BOYDSVILLE [38.81, -92.10], 1.5 SW FULTON [38.83, -91.95], 2.5 W REFORM [38.77, -91.83], 1.6 E STEEDMAN [38.70, -91.77], 2.8 SW MOKANE [38.65, -91.91], 0.3 ESE CEDAR CITY [38.60, -92.18]				
	04/24/10 18:19 CST		0	Flash Flood (due to Heavy Rain)
	04/25/10 00:30 CST		0	Source: Law Enforcement
Up to three inches of rain fell in a short amount of time on already saturated soils causing flash flooding. Numerous roads were flooded including Highway C near South Callaway High School. Also, U.S. Highway 54 had water over it in spots.				
AUDRAIN COUNTY --- LADDONIA [39.25, -91.65], 3.6 SSE VANDALIA ARPT [39.25, -91.42], 10.0 S VANDALIA ARPT [39.16, -91.44], 2.5 NE BENTON CITY [39.16, -91.75], 1.6 N RUSH HILL [39.24, -91.73]				
	04/24/10 20:07 CST		0	Flash Flood (due to Heavy Rain)
	04/25/10 00:30 CST		0	Source: Trained Spotter
Up to three inches of rain fell in a short amount of time on already saturated soils causing flash flooding. Numerous roads were flooded including Highway K east of Laddonia and portions of Highway 19.				
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